



## Quarter Turn Ball Valves Range

## Conex Bänninger Quarter Turn Ball Valves

Conex Bänninger Quarter Turn Ball Valves are compact, easy and quick to operate. Requiring only a quarter turn to open or close the valve, they are available with either lever, or 'T' handles. Variants are available for gas and water applications. Conex Bänninger Ball Valves are full bore valves comprising an oversized ball so that the hole in the center is the same diameter as the pipeline, which results in low friction losses and flow rates similar to that of the pipe.

### Durable and reliable

Ball Valves are durable and extremely reliable in use. The Conex Bänninger Quarter Turn Ball Valves can be opened and closed quickly. This makes them the preferred choice for isolation applications where the system needs to be shut-off quickly or the valves are used frequently.

### Materials

Conex Bänninger Quarter Turn Ball Valves are available in high quality chrome plated brass and DZR brass and have an excellent resistance to corrosion. Additionally, all the valves in the range have a chrome-plated ball.

### Applications

Conex Bänninger DZR Valves are designed for use in HEVAC applications including low temperature hot water and chilled systems, whilst the brass ball valves have been designed for drinking water.

### Quality assurance

Conex Universal Ltd is an ISO 9001 Quality Assured Company registered with BSI.

### 5-year warranty

When professionally fitted and in accordance with the installation instructions, Conex Banninger Valves are guaranteed against manufacturing defects for five years from first purchase date. Any alleged defects must be reported to Conex Universal Ltd within one month of the first occurrence, clearly setting out the nature of the claim. The warranty is limited to the repair and replacement of defective fittings at the discretion of Conex Universal Ltd and the company reserves the right to inspect and test the alleged defects. This warranty provided by Conex Universal Ltd does not affect your statutory rights. For more information visit [www.conexbanninger.com](http://www.conexbanninger.com).

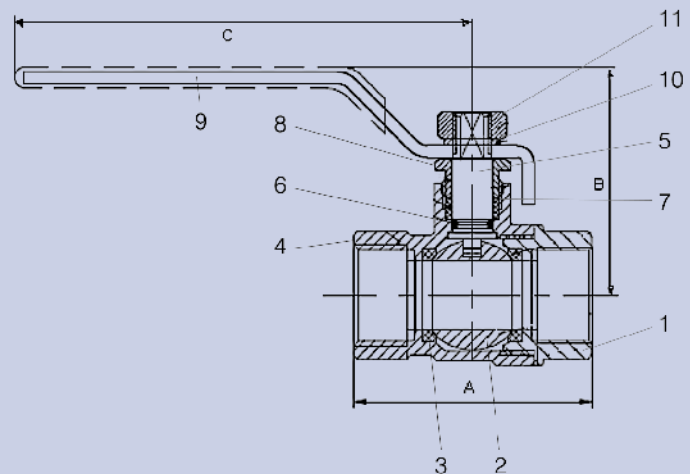
### General information

Performance data, including pressure - temperature ratings have been developed from published standards, supplier material specifications, design calculations and in-house testing. They cover typical applications for the Conex Bänninger Valve product range and are provided as a general guideline.

For specific applications, users are advised to contact Conex Universal Ltd for technical advice. Failure to follow advised installation instructions may result in damage and personal injury for which Conex Universal Ltd cannot be held liable.

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## Valves range

1200 Quarter Turn Ball Valve - PN25 - (DZR) - Red Lever

### Material specification

Lever Handle Version: 1200 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	DZR Brass	EN 12165 CW602N
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	DZR Brass	EN 12165 CW602N
5	Stem	DZR Brass	EN 12164 CW602N
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- Full DZR construction.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- WRAS approved for drinking water applications.
- Suitable for low temperature hot water and chilled systems.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1200

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Lever Handle Order Code ISO 228 thread	Size	DN	A	B	C	Kv Value	Weight (kg)
120050RRR250404	120050FFR250404	½"	15	55	48	95	16	0.208
120050RRR250606	120050FFR250606	¾"	20	65	52	95	30	0.332
120050RRR250808	120050FFR250808	1"	25	78	65	130	48	0.602
120050RRR251010	120050FFR251010	1¼"	32	91	69	130	100	0.927
120050RRR251212	120050FFR251212	1½"	40	99	80	160	170	1.362
120050RRR251616	120050FFR251616	2"	50	119	88	160	230	2.224

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1200	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1200	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Lever operated quarter turn, tight shut-off.

DZR brass body, stem and end connector.

Chrome plated brass ball.

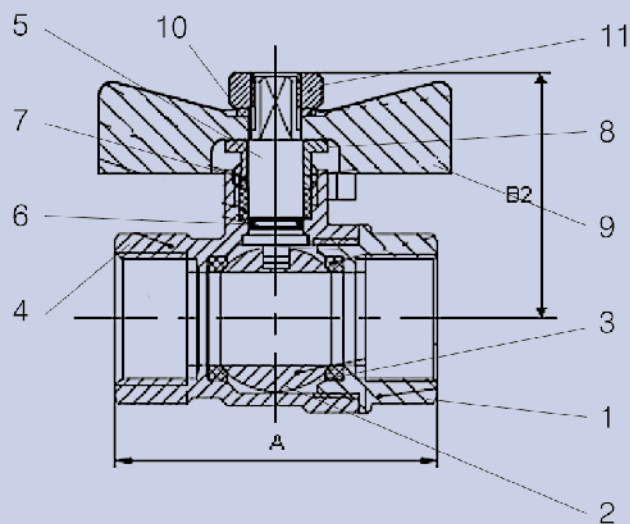
PTFE seats and stem gland seal.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.

EPDM Stem O-ring.

Suitable for low temperature hot water and chilled systems.



## Valves range

### 1205 Quarter Turn Ball Valve - PN25 - (DZR) - Red Tee

#### Material specification

**Tee Handle Version: 1205 - 1/2" - 1"**

No	Component	Material	Specification
1	End Connector	DZR Brass	EN 12165 CW602N
2	Ball	Brass - Chrome Plate	EN 12165 CW617N-DW
3	Ball Seal	PTFE	PTFE
4	Body	DZR Brass	EN 12165 CW602N
5	Stem	DZR Brass	EN 12164 CW602N
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N-DW
9	Tee Handle	Aluminium	EN 1706 LM6
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

**Features and benefits:**

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- Full DZR construction.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- WRAS approved for drinking water applications.
- Suitable for low temperature hot water and chilled systems.

**Ball Valve - 1205**

Tee Handle Order Code EN 10226-2 (ISO 7-1) thread	Tee Handle Order Code ISO 228 thread	Size	DN	A	B	Kv Value	Weight (kg)
120550RRT250404	120550FFT250404	1/2"	15	55	38	16	0.187
120550RRT250606	120550FFT250606	3/4"	20	65	42	30	0.332
120550RRT250808	120550FFT250808	1"	25	78	50	48	0.590

**Valve suitability**

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1205	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

**Max. working parameters**

1205	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

**Specification clauses:**

Tee operated quarter turn, tight shut-off.

DZR brass body, stem and end connector.

Chrome plated brass ball.

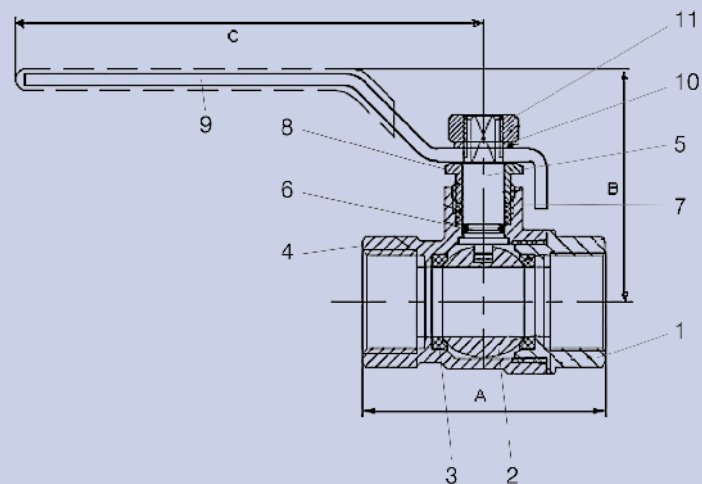
PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.

Suitable for low temperature hot water and chilled systems.



## Valves range

1210 Quarter Turn Ball Valve - PN40 - (Brass Chrome Plated) - Red Lever

### Material specification

Lever Handle Version: 1210 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	Brass – Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass – Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510



### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- WRAS approved for drinking water applications.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1210

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Lever Handle Order Code ISO 228 thread	Size	DN	A	B	C	kv Value	Weight (kg)
121013RRR400404	121010FFR400404	1/2"	15	55	48	95	16	0.226
121013RRR400606	121010FFR400606	3/4"	20	65	52	95	30	0.400
121013RRR400808	121010FFR400808	1"	25	78	65	130	48	0.648
121013RRR401010	121010FFR401010	1 1/4"	32	91	69	130	100	0.976
121013RRR401212	121010FFR401212	1 1/2"	40	99	80	160	170	1.430
121010RRR401616	121010FFR401616	2"	50	119	88	160	230	2.450

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1210	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1210	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	40	580

### Specification clauses:

Lever operated quarter turn, tight shut-off.

Brass body, stem and cap.

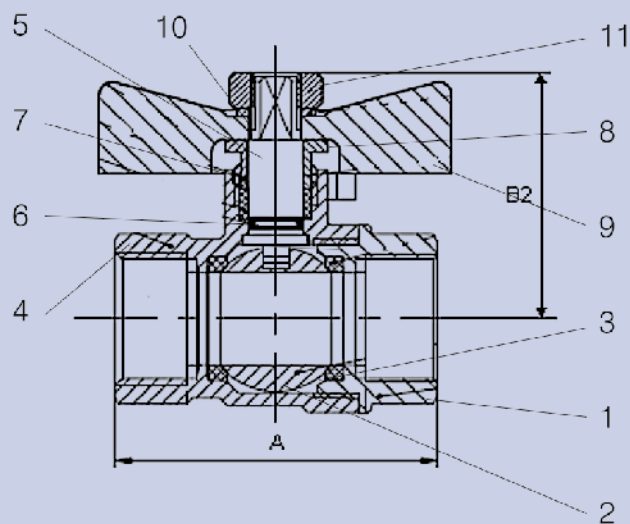
Chrome plated brass ball, body and end connectors.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.



## Valves range

1215 Quarter Turn Ball Valve - PN40 - (Brass Chrome Plated) - Red Tee

### Material specification

**Tee Handle Version: 1215 - 1/2" - 1"**

No	Component	Material	Specification
1	End Connector	Brass – Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass – Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Tee Handle	Aluminium	EN 1706 LM6
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

**Features and benefits:**

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- WRAS approved for drinking water applications.

**Ball Valve - 1215**

Tee Handle Order Code EN 10226-2 (ISO 7-1) thread	Tee Handle Order Code ISO 228 thread	Size	DN	A	B	Kv Value	Weight (kg)
121513RRT400404	121513FFT400404	1/2"	15	55	38	16	0.226
121513RRT400606	121513FFT400606	3/4"	20	65	42	30	0.400
121513RRT400808	121513FFT400808	1"	25	78	50	48	0.648

**Valve suitability**

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1215	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

**Max. working parameters**

1215	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	40	580

**Specification clauses:**

Tee operated quarter turn, tight shut-off.

Chrome plated brass ball, body and end connectors.

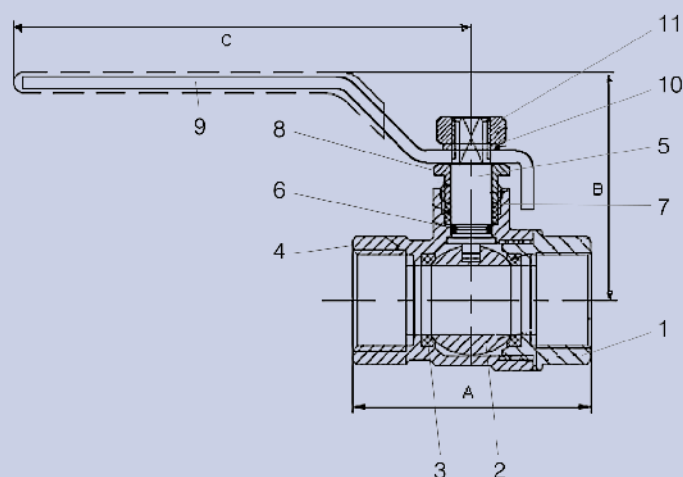
Brass, stem.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.



## Valves range

### 1220 Quarter Turn Ball Valve - PN40 - (DZR) - Red Lever

#### Material specification

Lever Handle Version: 1220 - ½" - 2"

No	Component	Material	Specification
1	End Connector	DZR Brass	EN 12165 CW602N
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	DZR Brass	EN 12165 CW602N
5	Stem	DZR Brass	EN 12164 CW602N
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- Full DZR construction.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- WRAS approved for drinking water applications.
- Suitable for low temperature hot water and chilled systems.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1220

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Lever Handle Order Code ISO 228 thread	Size	DN	A	B	C	Kv Value	Weight (kg)
122050RRR400404	122050FFR400404	1/2"	15	55	48	95	16	0.226
122050RRR400606	122050FFR400606	3/4"	20	65	52	95	30	0.360
122050RRR400808	122050FFR400808	1"	25	78	65	130	48	0.648
122050RRR401010	122050FFR401010	1 1/4"	32	91	69	130	100	0.976
122050RRR401212	122050FFR401212	1 1/2"	40	99	80	160	170	1.430
122050RRR401616	122050FFR401616	2"	50	119	88	160	230	2.050

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1220	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1220	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	40	580

### Specification clauses:

Lever operated quarter turn, tight shut-off.

DZR brass body, stem and cap.

Chrome plated brass ball.

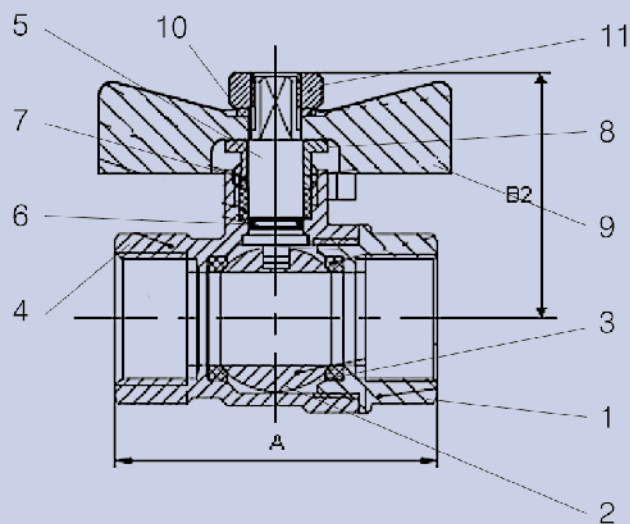
PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.

Suitable for low temperature hot water and chilled systems.



## Valves range

### 1225 Quarter Turn Ball Valve - PN40 - (DZR) - Red Tee

#### Material specification

**Tee Handle Version: 1225 - 1/2" - 1"**

No	Component	Material	Specification
1	End Connector	DZR Brass	EN 12165 CW602N
2	Ball	Brass - Chrome Plate	EN 12165 CW617N-DW
3	Ball Seal	PTFE	PTFE
4	Body	DZR Brass	EN 12165 CW602N
5	Stem	DZR Brass	EN 12164 CW602N
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N-DW
9	Tee Handle	Aluminium	EN 1706 LM6
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

**Features and benefits:**

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- Full DZR construction.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel to ISO 228.
- WRAS approved for drinking water applications.
- Suitable for low temperature hot water and chilled systems.

**Ball Valve - 1225**

Tee Handle Order Code EN 10226-2 (ISO 7-1) thread	Tee Handle Order Code ISO 228 thread	Size	DN	A	B	Kv Value	Weight (kg)
122550RRT400404	122550FFT400404	1/2"	15	55	38	16	0.210
122550RRT400606	122550FFT400606	3/4"	20	65	42	30	0.342
122550RRT400808	122550FFT400808	1"	25	78	50	48	0.648

**Valve suitability**

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1225	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

**Max. working parameters**

1225	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	40	580

**Specification clauses:**

Tee operated quarter turn, tight shut-off.

DZR brass body, stem and cap.

Chrome plated brass ball.

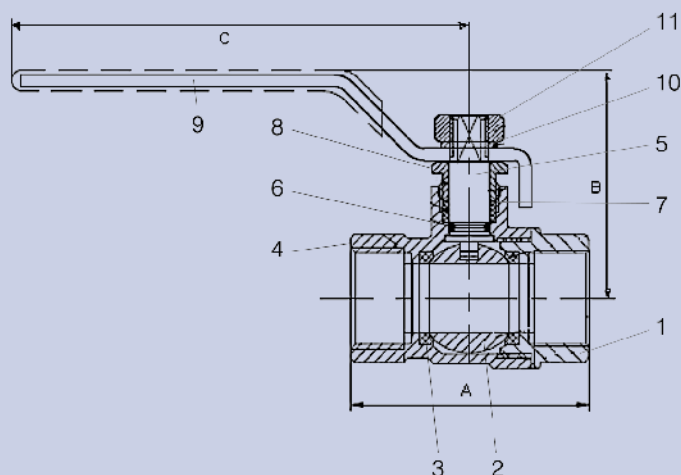
PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.

Suitable for low temperature hot water and chilled water systems.



## Valves range

### 1230 Quarter Turn Ball Valve - PN25 - (Brass Chrome Plated) - Red Lever

#### Material specification

Lever Handle Version: 1230 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510



### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- Designed in accordance with WRAS requirements.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1230

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Lever Handle Order Code ISO 228 thread	Size	DN	A	B	C	Kv Value	Weight (kg)
123013RRR250404	123013FFR250404	1/2"	15	55	48	95	16	0.207
123013RRR250606	123013FFR250606	3/4"	20	65	52	95	30	0.333
123013RRR250808	123013FFR250808	1"	25	78	65	130	48	0.602
123013RRR251010	123013FFR251010	1 1/4"	32	91	69	130	100	0.927
123013RRR251212	123013FFR251212	1 1/2"	40	99	80	160	170	1.369
123013RRR251616	123013FFR251616	2"	50	119	88	160	230	2.225

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1230	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1230	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Lever operated quarter turn, tight shut-off.

Chrome plated brass ball, body and end connectors.

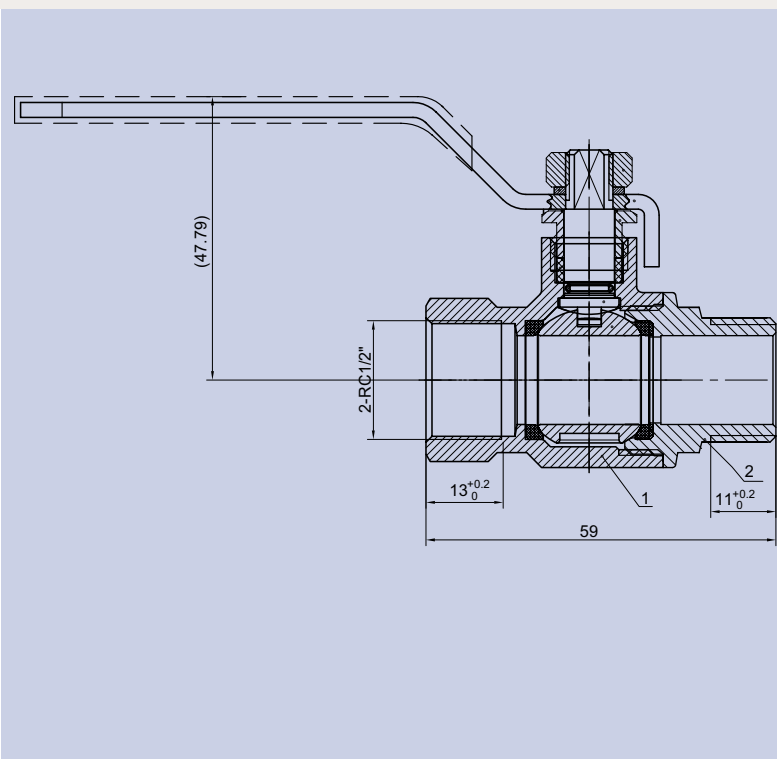
Brass body, stem and cap.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

Designed in accordance with WRAS requirements.



## Valves range

1231 Quarter Turn Ball Valve M x F - PN25 - (Brass Chrome Plated) - Red Lever

### Material specification

Lever Handle Version: 1231 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- Male x female end connections, taper threads to EN 10226-2 (ISO 7-1).
- Designed in accordance with WRAS requirements.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1231

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Size	DN	A	B	C	Kv Value	Weight (kg)
123113TRR250404	1/2"	15	55	48	95	16	0.208
123113TRR250606	3/4"	20	65	52	95	30	0.312
123113TRR250808	1"	25	78	65	130	48	0.602
123113TRR251010	1 1/4"	32	91	69	130	100	0.924
123113TRR251212	1 1/2"	40	99	80	160	170	1.362
123113TRR251616	2"	50	119	88	160	230	2.224

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1231	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1231	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Lever operated quarter turn, tight shut-off.

Chrome plated brass ball, body and end connectors.

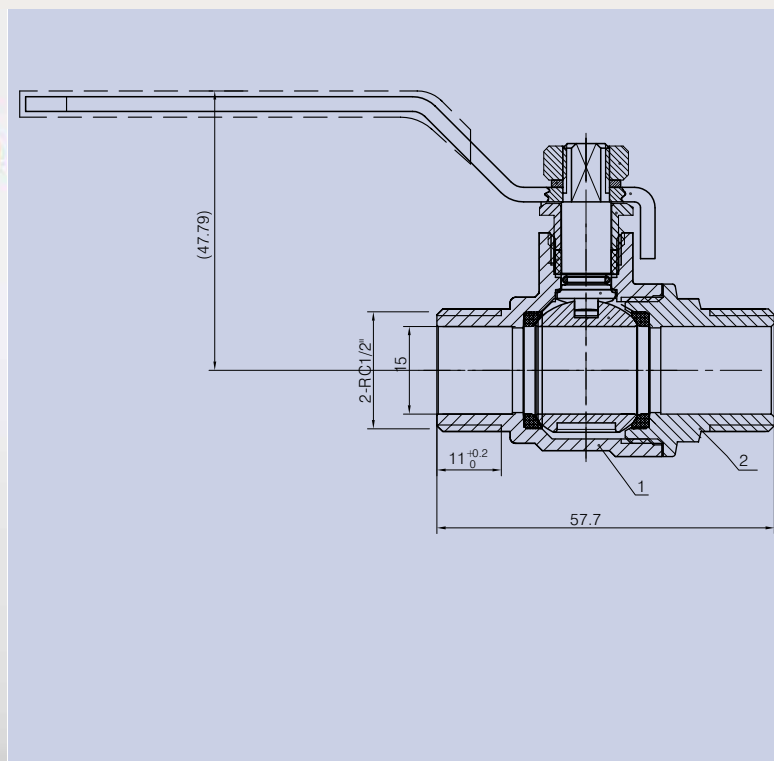
Brass stem.

PTFE seats and stem gland seal.

EPDM stem O-ring.

Male x female end connections, female taper threads to EN 10226-2 (ISO 7-1).

Designed in accordance with WRAS requirements.



## Valves range

1232 Quarter Turn Ball Valve M x M - PN25 - (Brass Chrome Plated) - Red Lever

### Material specification

Lever Handle Version: 1232 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel	EN 24T + Polyethylene HD
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections male x male, taper threads to EN 10226-2 (ISO 7-1).
- Designed in accordance with WRAS requirements.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1232

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Size	DN	A	B	C	Kv Value	Weight (kg)
123213TTR250404	½"	15	55	48	95	16	0.208
123213TTR250606	¾"	20	65	52	95	30	0.312
123213TTR250808	1"	25	78	65	130	48	0.602
123213TTR251010	1¼"	32	91	69	130	100	0.924
123213TTR251212	1½"	40	99	80	160	170	1.362
123213TTR251616	2"	50	119	88	160	230	2.224

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1232	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1232	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Lever operated quarter turn, tight shut-off.

Brass stem.

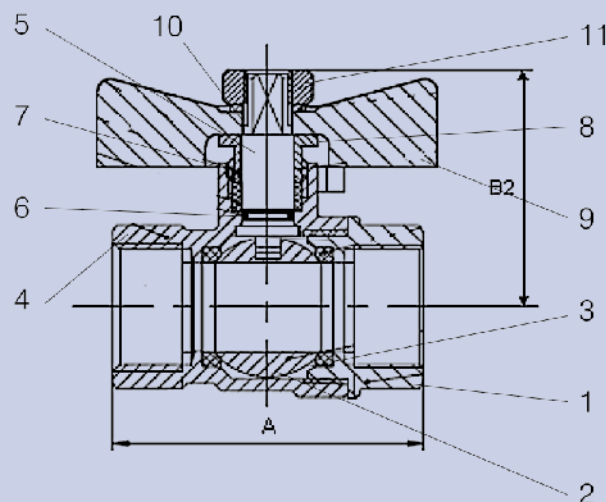
Chrome plated brass ball, body and end connectors.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections male x male, taper threads to EN 10226-2 (ISO 7-1).

Designed in accordance with WRAS requirements.



## Valves range

1235 Quarter Turn Ball Valve - PN25 - (Brass Chrome Plated) - Red Tee

### Material specification

**Tee Handle Version: 1235 - 1/2" - 1"**

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N-DW
9	Tee Handle	Aluminium	EN 1706 LM6
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

**Features and benefits:**

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- Designed in accordance with WRAS requirements.

**Ball Valve - 1235**

Tee Handle Order Code EN 10226-2 (ISO 7-1) thread	Tee Handle Order Code ISO 228	Size	DN	A	B	Kv value	Weight (kg)
123513RRT250404	123513FFT250404	1/2"	15	55	38	16	0.208
123513RRT250606	123513FFT250606	3/4"	20	65	42	30	0.312
123513RRT250808	123513FFT250808	1"	25	78	50	48	0.602

**Valve suitability**

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1235	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

**Max. working parameters**

1235	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

**Specification clauses:**

Tee operated quarter turn, tight shut-off.

Brass stem.

Chrome plated brass ball, body and end connector.

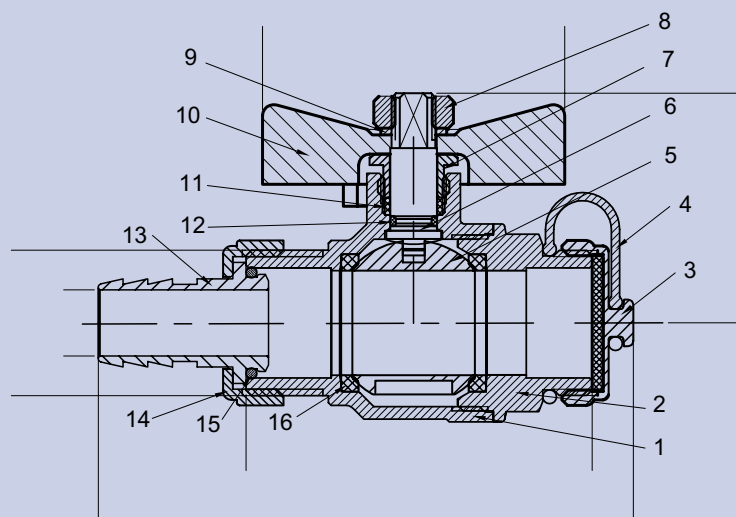
PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

Designed in accordance with WRAS requirements.

This valve is not suitable for gas applications.



## Valves range

### 1256 Quarter Turn Ball Valve - PN16 - (DZR) - Hose Union Drain Tap

#### Material specification

**Tee Handle Version: 1256 - 1/2" - 3/4"**

No	Component	Material	Specification
1	Body	DZR Brass	EN 12165 CW602N
2	End Cap	DZR Brass	EN 12165 CW602N
3	Dust Cap	Brass	EN 12165 CW617N
4	Retaining Strap	EPDM	EN 2430:1995
5	Ball	DZR Brass	EN 12165 CW602N
6	Stem	DZR Brass	EN 12164 CW602N
7	Stem Nut	DZR Brass	EN 12164 CW602N
8	Nut	Stainless steel	ISO.15510
9	Spring Washer	Stainless steel	ISO.15510
10	Tee Handle	Aluminium	EN 1706 LM6
11	Gland	PTFE	PTFE
12	O-ring	EPDM	EN 2430:1995
13	Hose Union	Brass	EN 12165 CW617N
14	Retaining Cap	Brass	EN 12165 CW617N
15	O-ring	EPDM	EN 2430:1995
16	Ball Seat	PTFE	PTFE



**Features and benefits:**

- Full bore Quarter Turn Ball Valve.
- Full DZR construction.
- Blow out proof stem.
- End connections, male parallel threads to ISO 228.
- Supplied with hose union and dust cap.

**Ball Valve - 1256**

Tee Handle Order Code ISO 228	Size	DN	A	B	Kv Value	Weight (kg)
125650MHT160404	1/2"	15	93	38	16	0.252
125650MHT160606	3/4"	20	97	41	30	0.380

**Valve suitability**

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1256	x	✓	✓	✓	✓	x	x	x	x

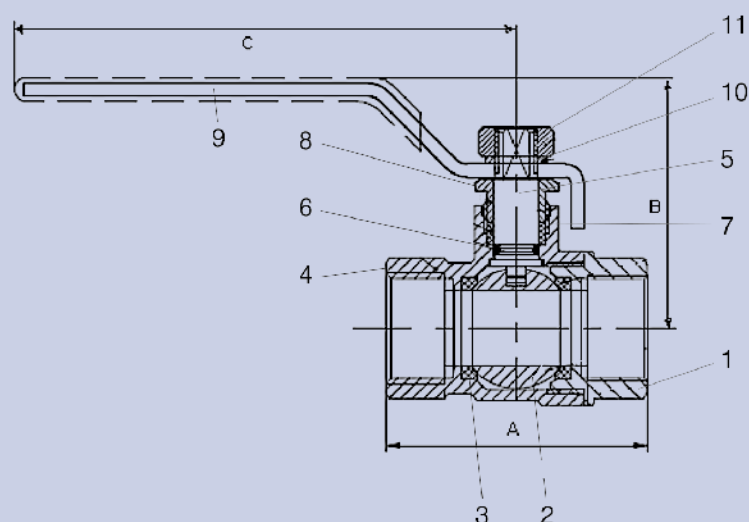
This valve is not suitable for gas applications.

**Max. working parameters**

1256	Temperature °C	Pressure bar	Pressure psi
Water	-20 to +80	16	230

**Specification clauses:**

- Tee handle operated quarter turn, tight shut-off.
- DZR brass body stem and cap.
- Chrome plated brass ball.
- PTFE seats and stem seals.
- EPDM stem O-ring.
- End connections, male parallel threads to ISO 228.
- WRAS approved for drinking water applications.
- Suitable for low temperature hot water and chilled systems.
- Supplied with hose union and dust cap.



## Valves range

1260 Quarter Turn Ball Valve - PN25 - (Brass Chrome Plated) - Red Lever - Short Thread Series

### Material specification

Lever Handle Version: 1260 - 1/2" - 2"

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Lever Handle	Steel + PVC	EN 24T + PVC
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.
- Short thread series allows minimum effective thread length for seal.
- WRAS approved for drinking water applications.
- Unique Conex Bänninger lever handle.

### Ball Valve - 1260

Lever Handle Order Code EN 10226-2 (ISO 7-1) thread	Lever Handle Order Code ISO 228 thread	Size	DN	A	B	C	Kv Value	Weight (kg)
126013RRR250404	126013FFR250404	1/2"	15	50	48	95	16	0.186
126013RRR250606	126013FFR250606	3/4"	20	58	52	95	30	0.264
126013RRR250808	126013FFR250808	1"	25	69	65	130	48	0.462
126013RRR251010	126013FFR251010	1 1/4"	32	81	69	130	100	0.614
126013RRR251212	126013FFR251212	1 1/2"	40	89	80	160	170	0.938
126013RRR251616	126013FFR251616	2"	50	110	88	160	230	1.450

### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1260	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

### Max. working parameters

1260	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Lever operated quarter turn, tight shut-off.

Brass stem.

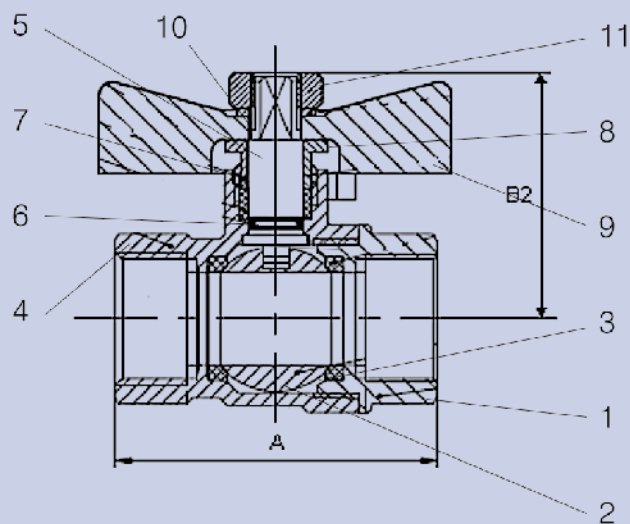
Chrome plated brass ball, body and end connector.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water.



## Valves range

1265 Quarter Turn Ball Valve - PN25 - (Brass Chrome Plated) - Red Tee - Short Thread Series

### Material specification

**Tee Handle Version: 1265 - 1/2" - 1"**

No	Component	Material	Specification
1	End Connector	Brass - Chrome Plate	EN 12165 CW617N - DW
2	Ball	Brass - Chrome Plate	EN 12165 CW617N - DW
3	Ball Seal	PTFE	PTFE
4	Body	Brass - Chrome Plate	EN 12165 CW617N - DW
5	Stem	Brass	EN 12164 CW617N - DW
6	Stem O-ring	EPDM	EN 2430:1995
7	Gland	PTFE	PTFE
8	Packing Nut	Brass	EN 12164 CW617N - DW
9	Tee Handle	Aluminium	EN 1706 LM6
10	Washer	Stainless Steel	ISO.15510
11	Lever Nut	Stainless Steel	ISO.15510

### Features and benefits:

- Full bore Quarter Turn Ball Valve.
- Blow out proof stem.
- End connections, female taper threads designed to EN 10226-2 (ISO 7-1) and parallel threads ISO 228.
- Short thread series allows minimum effective thread length for seal.
- WRAS approved for drinking water applications.

#### Ball Valve - 1265

Tee Handle Order Code EN 10226-2 (ISO 7-1) thread	Tee Handle Order Code ISO 228 thread	Size	DN	A	B	Kv Value	Weight (kg)
126513RRT250404	126513FFT250404	1/2"	15	50	38	16	0.162
126513RRT250606	126513FFT250606	3/4"	20	58	42	30	0.244
126513RRT250808	126513FFT250808	1"	25	69	50	48	0.420

#### Valve suitability

Product	Steam	Water	Drinking Water	Oil	Air (Oil Free)	Gas (Inert)	Gas (Combustible)	Gas (Corrosive)	Gas (Oxygen)
1265	x	✓	✓	✓	✓	x	x	x	x

This valve is not suitable for gas applications.

#### Max. working parameters

1265	Temperature °C	Pressure bar	Pressure psi
Water	-10 to +120	25	360

### Specification clauses:

Tee operated quarter turn, tight shut-off.

Chrome plated brass ball, body and end connector.

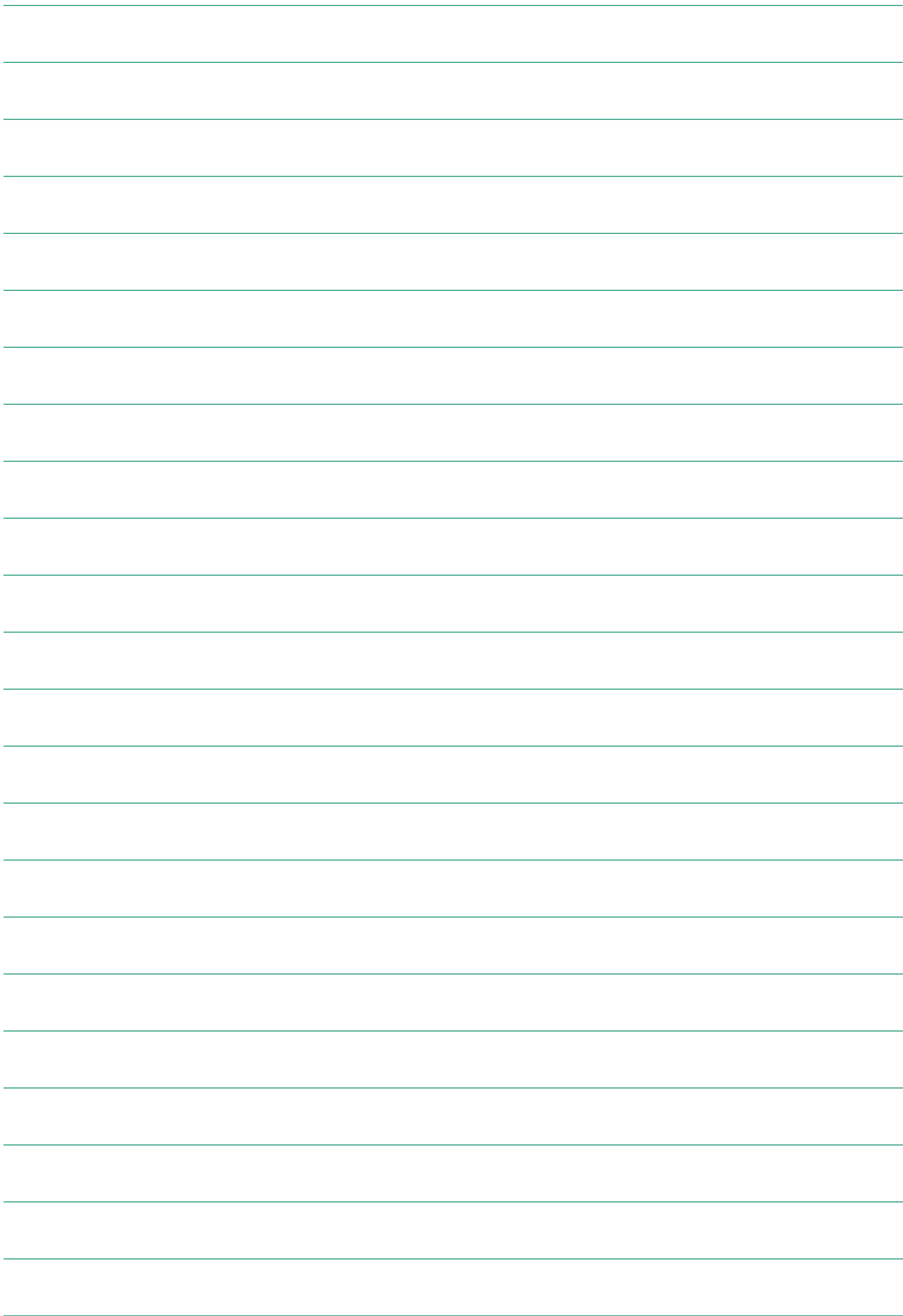
Brass stem.

PTFE seats and stem gland seal.

EPDM stem O-ring.

End connections, female taper threads designed to EN 10226-2 (ISO 7-1) and parallel threads to ISO 228.

WRAS approved for drinking water applications.







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United Kingdom  
Conex Universal Limited

Germany  
IBP GmbH

Tel: +44 (0)121 521 2921 | Fax: +44 (0)121 520 8778 | Email: [international@ibpgroup.com](mailto:international@ibpgroup.com) | Website: [www.conexbanninger.com](http://www.conexbanninger.com)

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